JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 345 (1988)

AUTHOR INDEX

Abad, J.A., (345) 233
Aguiló, M., (345) 383
Akita, M., (345) C9
Alphonse, P., (345) 209
Antsyshkina, A.S., (345) 97
Apreda, M.C., (345) C13

Barbot, F., (345) 239
Barrau, J., (345) 39
Baryshok, V.P., (345) 27
Baudin, C., (345) 263
Baukov, Yu.L., (345) 253
Baumgärtner, R., (345) 221
Behrens, U., (345) 351
Bell, N.A., (345) 245
Belt, H.-J., (345) C28
Berke, H., (345) 321
Birk, R., (345) 321
Bois, C., (345) C4
Boyd, A.S.F., (345) 217
Browne, G., (345) 217
Brune, H.-A., (345) 221

Caldirola, C., (345) 201
Campo, J.A., (345) 299
Cano, F.H., (345) C13
Cano, M., (345) 299
Carmona, D., (345) C13
Čásenský, B., (345) 1
Casey, C.P., (345) 125
Černý, Z., (345) 1
Charpin, P., (345) 263
Chupakhina, T.I., (345) 11
Colombo, A., (345) 201

D'Agostino, M.F., (345) 371
Danilova, T.F., (345) 27
Dias, A.R., (345) 105
Dötz, K.H., (345) 117

Edelmann, F., (345) C1
El-Amine, M., (345) 39
Ellermann, J., (345) 167
Ellert, O.G., (345) 97
Ephritikhine, M., (345) 263
Epstein, L.M., (345) 313
Eremenko, I.L., (345) 79, 97, 177

Fadeeva, S.S., (345) 313, 341
Fischer, H., (345) 65
Foces-Foces, C., (345) C13
Funhoff, A., (345) 331
Fusek, J., (345) 1

Garcia, J., (345) 233
Gaukhman, A., (345) 19
Ghilotti, M., (345) 201
Goldberg, Yu., (345) 19
Gomm, M., (345) 167
Gowenlock, B.G., (345) 217
Grebenik, P.D., (345) C28
Green, M.L.H., (345) C31
Gross, S., (345) C17
Grössmann, U., (345) 321

Hamers, H., (345) 287
Heřmánek, S., (345) 1
Hernández, J., (345) 383
Hoberg, H., (345) C17
Holeček, J., (345) 51
Hund, H.-U., (345) 321

Idmoumaz, H., (345) 187
Isoe, S., (345) C23

Jarauta, M.P., (345) C13
Jeannin, Y., (345) C4
Jones, P.G., (345) 405

Kadib-Elban, A., (345) 239
Kassyk, A.L., (345) 245
Katser, S.B., (345) 97
Katugin, A.S., (345) 79, 177
Kaur, G., (345) 51
Khudobin, Yu.I., (345) 27
Kikuzono, Y., (345) 275
Kisin, A.V., (345) 253
Kläui, W., (345) 287
Klyuchnikov, V.A., (345) 27
Köck, E., (345) 167
Kojima, J., (345) 275
Kondo, T., (345) 397
Konings, M.S., (345) 125
Korchagina, A.N., (345) 27
Kreindlin, A.Z., (345) 313, 341
Kříž, O., (345) 1
Kumar Das, V.G., (345) 59

Lance, M., (345) 263
Leach, J.B., (345) C31
Lorberth, J., (345) 253
Lukevics, E., (345) 19
Lutsenko, I.F., (345) 253
Lyčka, A., (345) 51
Lyon, C., (345) 117

Marder, S.R., (345) 125
Martynova, T.N., (345) 11
Mazerolles, P., (345) 209
McDonald, J.W., (345) 143
McGlinchey, M.J., (345) 371
McKenna, P., (345) 217
Miginiac, P., (345) 239
Milchereit, A., (345) C17
Mitchell, T.N., (345) C28
Mlekuz, M., (345) 371
Moro-oka, Y., (345) C9
Moyen, F., (345) 209
Muller, G., (345) 383
Müller, P., (345) 187
Murata, T., (345) C23

Nefedov, S.E., (345) 97
Ng, S.W., (345) 59
Nierlich, M., (345) 263
Novotortsev, V.M., (345) 97

Odiaka, T.I., (345) 135
Oltmanns, P., (345) 87
Orazsakhatov, B., (345) 97, 177
Oro, L.A., (345) C13

Pasini, A., (345) 201
Pasynskii, A.A., (345) 79, 97, 177

Pepekin, V.K., (345) 27
Peres, Y., (345) C17
Perpiñán, M.F., (345) 299
Petrovskii, P.V., (345) 341
Pinillos, M.T., (345) C13
Porai-Koshits, M.A., (345) 97

Rehder, D., (345) 87
Ribeiro da Silva, M.A.V., (345) 105
Ribeiro de Silva, M.D.M.C., (345) 105
Riera, V., (345) C4
Rima, G., (345) 39
Rocamora, M., (345) 383
Roesky, H.W., (345) C1
Rosenhein, L.D., (345) 143
Rott, J., (345) 117
Ruiz, M.A., (345) C4
Rybinskaya, M.I., (345) 313, 341

Sánchez-Peláez, A.E., (345) 299
Sandhu, G.K., (345) 51
Sasaki, T., (345) 275
Satgé, J., (345) 39
Schäufele, H., (345) 331
Schmidtberg, G., (345) 221
Seitz, K., (345) 351
Shiga, A., (345) 275
Shirokii, V.L., (345) 177
Shklover, V.E., (345) 79, 177
Shubina, E.S., (345) 313
Solans, X., (345) 383
Struchkov, Yu.T., (345) 79, 177, 313
Sturkovich, R., (345) 19

Terada, M., (345) C9
Teruel, F., (345) 233
Timofeeva, T.V., (345) 313
Tsuji, Y., (345) 397

Vicente, J., (345) 233
Vigner, J., (345) 263
Villafañe, F., (345) C4
Voronkov, M.G., (345) 27

Walker, N.M., (345) C31
Watanabe, Y., (345) 397
Wedler, M., (345) C1
Wei, C., (345) 59
Werner, H., (345) 151

Yanovsky, A.I., (345) 313
Yoshida, J.-i., (345) C23

Zaitseva, G.S., (345) 253
Zenkert, K., (345) 151
Zenneck, U., (345) 331
Zimmermann, H., (345) 167

JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 345 (1988)

SUBJECT INDEX

Aluminium

Triethylaluminium, ^{27}Al NMR determination of monomer proportion in solution of (Z. Černý, S. Heřmánek, J. Fusek, O. Kříž, B. Másenský), (345) 1

Boron

Platinum complex catalysed carbonylative cross-coupling of alkyl iodides with sodium tetraphenylborate; synthesis of alkyl phenyl ketones (T. Kondo, Y. Tsuji, Y. Watanabe), (345) 397

Transition metal mediated homologation of $BH_3 \cdot THF$: synthesis and crystal structure of $[WH_3(PMe_3)_3B_3H_8]$ (P.D. Grevenik, J.B. Leach, M.L.H. Green, N.M. Walker), (345) C31

Chromium

Binuclear dihalogenide cyclopentadienyl-t-butylate chromium(III) complexes, synthesis and molecular structure of (S.E. Nefedov, A.A. Pasynskii, I.L. Eremenko, B. Orazsakhatov, O.G. Ellert, V.M. Novotortsev, S.B. Katser, A.S. Antyshkina, M.A. Porai-Koshits), (345) 97

Monohydrido-bridged carbonyl complexes of early transition metals containing η^5-$C_5H_5Nb(CO)_3$ moiety (P. Oltmanns, D. Rehder), (345) 87

$(RC_5H_4)_2Cr_2(\mu_3\text{-}S)_2(\mu_4\text{-}S)M_2L_n$ clusters, (M = Co, Ni), effect of electronic structure on geometry of (I.L. Eremenko, A.A. Pasynskii, A.S. Katugin, B. Orazsakhatov, V.L. Shirokii, V.E. Shklover, Yu.T. Struchkov), (345) 177

Transition metal coordinated thioaldehydes, selenoaldehydes and seleno ketones, kinetic investigations of (H. Fischer), (345) 65

Cobalt

Dicarbonylcarbyne-molybdenum and -tungsten stabilised by tridentate oxygen ligands (W. Kläui, H. Hamers), (345) 287

Dicarbonylnitrosyl-(5-diphenylphosphinouracil) cobalt(−I) · methanol(1/2), synthesis and X-ray structure of (J. Ellermann, E. Köck, H. Zimmermann, M. Gomm), (345) 167

Metal acylium mixed clusters, chemical and spectroscopic study of (M.F. D'Agostino, M. Mlekuz, M.J. McGlinchey), (345) 371

Pentafluorophenyl group distortion in metal complexes, limitations of rigid-body refinement (P.G. Jones), (345) 405.

Copper

Saturated lithium organocuprates, reactions with $CH_3(CH{=}CH)_3COCH_3$ and with $CH_3(CH{=}CH)_3COOC_2H_5$ of (F. Barbot, A. Kadib-Elban, P. Miginiac), (345) 239

Germanium

Nickel halide reduction by magnesium, catalysation of cyclotrimerisation of alcynes by (P. Alphonse, F. Moyen, P. Mazerolles), (345) 209

Silyl- and germyl-ketenes, reaction with silyldiazomethanes of (G.S. Zaitseva, I.F. Lutsenko, A.V. Kisin, Yu.T. Baukov, J. Lorberth), (345) 253

Thiagermetane, $Me_2GeCH_2SCH_2$, dithiagermolane, $Me_2GeCH_2SSCH_2$ and thiagermetane dioxide, $Me_2GeCH_2SO_2CH_2$, thermolysis, pyrolysis and photolysis of (J. Barrau, G. Rima, M. El-Amine, J. Satgé), (345) 39

Gold

Pentafluorophenyl group distortion in metal complexes, limitations of rigid-body refinement (P.G. Jones), (345) 405

Iridium

Pentafluorophenyl group distortion in metal complexes, limitations of rigid-body refinement (P.G. Jones), (345) 405

Iron

Acetylene-dicarbonylbis(trimethylphosphite)iron fragments, coordination and chemistry of (R. Birk, U. Grössmann, H.-U. Hund, H. Berke), (345) 321

π-Areneiron, catalytic and stoecheiometric reactions with alkynes of (A. Funhoff, H. Schäufele, U. Zenneck), (345) 331

$C_5Me_5MC_5Me_4CHAr^+$ (M = Ru, Os), synthesis and NMR study of; comparison with Fe-containing analogues of (M.I. Rybinskaya, A.Z. Kreindlin, S.S. Fadeeva, P.V. Petrovskii), (345) 341

Diiron cationic μ-η^2-(*C*,*O*)-enolate complexes, metal-exchange reactions of (M. Akita, M. Terada, Y. Moro-oka), (345) C9

Diiron cationic μ-vinylcarbyne complexes, addition of nucleophiles to; synthesis of functionalized diiron μ-alkenylidene complexes (C.P. Casey, M.S. Konings, S.R. Marder), (345) 125

cis- and *trans*-$Fe(CyNC)_4(SPh)_2$, bis-thiolate precursors of $(CyNC)_4Fe(SPh)_2Mo(CO)_4$, synthesis of (L.D. Rosenhein, J.W. McDonald), (345) 143

Nonamethylferrocenyl- and ferrocenyl-carbinols, IR spectra and X-ray single crystal study of hydrogen bonds and structure of (E.S. Shibuna, L.M. Epstein, A.T. Yanovsky, T.V. Timofeeva, Yu.T. Struchkov, A.Z. Kreindlin, S.S. Fadeeva, M.I. Rybinskaya), (345) 313

Tricarbonyl(cycloheptadienyl)iron(II) cation, steric and electronic influences on addition rate of pyridines to (T.I. Odiaka), (345) 135

Lithium

(Benzamidinato)uranium(IV) chloride, precursor for oragnoactinide complexes (M. Wedler, H.W. Roesky, F. Edelmann), (345) C1

Manganese

Monohydrido-bridged carbonyl complexes of early transition metals containing η^5-$C_5H_5Nb(CO)_3$ moiety (P. Oltmanns, D. Rehder), (345) 87

Mercury

(2-Amino-5-nitrophenyl)platinum(II) complexes, synthesis and reactivity of (J. Vicente, J.A. Abad, F. Teruel, J. Garcia), (345) 233

Pentafluorophenyl group distortion in metal complexes, limitations of rigid-body refinement (P.G. Jones), (345) 405

Tetracarbonyl 2-carboxypicolinato- and 2-carboxyquinolinato-tungsten(0) anionic complexes, reactions with mercury(II) derivatives of (J.A. Campo, M. Cano, M.F. Perpiñan, A.E. Sánchez-Peláez), (345) 299

Metallocenes

$C_5Me_5MCC_5Me_5MC_5Me_4CHAr^+$ (M = Ru, Os), synthesis and NMR study of; comparison with Fe-containing analogues of (M.I. Rybinskaya, A.Z. Kreindlin, S.S. Fadeeva, P.V. Petrovskii), (345) 341

Nonamethylferrocenyl- and ferrocenyl-carbinols, IR spectra and X-ray single crystal study of hydrogen bonds and structure of (E.S. Shibuna, L.M. Epstein, A.T. Yanovsky, T.V. Timofeeva, Yu.T. Struchkov, A.Z. Kreindlin, S.S. Fadeeva, M.I. Rybinskaya), (345) 313.

Molybdenum

Dicarbonylcarbyne-molybdenum and -tungsten stabilised by tridentate oxygen ligands (W. Kläui, H. Hamers), (345) 287

cis- and *trans*-$Fe(CyNC)_4(SPh)_2$, bis-thiolate precursors of $(CyNC)_4Fe(SPh)_2Mo(CO)_4$, synthesis of (L.D. Rosenhein, J.W. McDonald), (345) 143

$M(C_5H_5)_2L$ complexes (M = Mo, W, Ti; L = $C_6H_4O_2$, $C_{10}H_6O_2$, $C_{14}H_8O_2$), enthalpies of formation of (M.A.V. Ribeiro da Silva, M.D.M.C. Ribeiro da Silva, A.R. Dias), (345) 105

Metal acylium mixed clusters, chemical and spectroscopic study of (M.F. D'Agostino, M. Mlekuz, M.J. McGlinchey), (345) 371

$[Mo_2(\eta\text{-}C_5H_5)_2(CO)_4(\mu\text{-}Ph_2PCH_2PPh_2)]$, preparation and reactions of; crystal structure of $[Mo_2(\eta\text{-}C_5H_5)_2(CO)_4(\mu\text{-}H)(\mu\text{-}Ph_2PCH_2\text{-}PPh_2)]_2[Mo_6O_{19}]\cdot 4C_4H_8O$ (V. Riera, M.A. Ruiz, F. Villafañe, Y. Jeannin, C. Bois), (345) C4

Monohydrido-bridged carbonyl complexes of early transition metals containing η^5-$C_5H_5Nb(CO)_3$ moiety (P. Oltmanns, D. Rehder), (345) 87

Pentaalkylcyclopentadienyl(carbonyl)(nitrosyl)-(olefin)molybdenum complexes, preparation and chirality of (K.H. Dötz, C. Lyon, J. Rott), (345) 117

Nickel

Metal acylium mixed clusters, chemical and spectroscopic study of (M.F. D'Agostino, M. Mlekuz, M.J. McGlinchey), (345) 371

Nickel halide reduction by magnesium, catalysation of cyclotrimerisation of alcynes by (P. Alphonse, F. Moyen, P. Mazerolles), (345) 209

Nickel(0)-induced CC coupling between CO_2 and 1,3-butadiene to C_9-mono- and C_{18}-dicarboxylic acids (H. Hoberg, Y. Peres, A. Milchereit, S. Gross), (345) C17

Organonickel complexes, reactions with activated alkynes of; crystal structure of *trans*-[NiBr(C(COOMe)=C(COOMe)(3,5-$Cl_2C_6H_3$))(PPh_3)$_2$] (J. Hernández, G. Muller, M. Rocamora, X. Solans, M. Aguiló), (345) 383

Pentafluorophenyl group distortion in metal complexes, limitations of rigid-body refinement (P.G. Jones), (345) 405

Niobium

Monohydrido-bridged carbonyl complexes of early transition metals containing η^5-$C_5H_5Nb(CO)_3$ moiety (P. Oltmanns, D. Rehder), (345) 87

Osmium

$C_5Me_5MC_5Me_4CHAr^+$ (M = Ru, Os), synthesis and NMR study of; comparison with Fe-containing analogues of (M.I. Rybinskaya, A.Z. Kreindlin, S.S. Fadeeva, P.V. Petrovskii), (345) 341

p-Cymene-osmium(II) and -osmium(0) complexes as aromatic ligands, synthesis of (H. Werner, K. Zenkert), (345) 151

Ruthenium thioketene mono- and di-nuclear complexes, preparation and properties of (K. Seitz, U. Behrens), (345) 351

Palladium

Pentafluorophenyl group distortion in metal complexes, limitations of rigid-body refinement (P.G. Jones), (345) 405

Phosphorus

Acetylene-dicarbonylbis(trimethylphosphine) iron fragments, coordination and chemistry of (R. Birk, U. Grössmann, H.-U. Hund, H. Berke), (345) 321.

cis-Bis(phenyl)bis(ligand)platinum(II) *E,Z*-atropisomeric compounds, synthesis and isolation of (R. Baumgärtner, G. Schmidtberg, H.-A. Brune), (345) 221

p-Cymene-osmium(II) and -osmium(0) complexes as aromatic ligands, synthesis of (H. Werner, K. Zenkert), (345) 151

Dicarbonylnitrosyl-(5-diphenylphosphinouracil)-cobalt(−I) · methanol(1/2), synthesis and X-ray structure of (J. Ellermann, E. Köck, H. Zimmermann, M. Gomm), (345) 167

Dithiophosphate rhodium(III) complex formation from [(η^5-C_5Me_5)(η^1-$PSPh_2$)$\overline{RhPh_2PS}$]; crystal structure of [(η^5-C_5Me_5)(η^1-$PSPh_2$)$\overline{RhPh_2SPS}$] (M.T. Pinillos, M.P. Jarauta, D. Carmona, L.A. Oro, M.C. Apreda, C. Foces-Foces, F.H. Cano), (345) C13

[Mo_2(η-C_5H_5)$_2$(CO)$_4$(η-$Ph_2PCH_2PPh_2$)], preparation and reactions of; crystal structure of [Mo_2(η-C_5H_5)$_2$(CO)$_4$(μ-H)(μ-Ph_2PCH_2-PPh_2)]$_2$[Mo_6O_{19}] · $4C_4H_8O$ (V. Riera, M.A. Ruiz, F. Villafaña, Y. Jeannin, C. Bois), (345) C4

Monohydrido-bridged carbonyl complexes of early transition metals containing η^5-$C_5H_5Nb(CO)_3$ moiety (P. Oltmanns, D. Rehder), (345) 87

Organonickel complexes, reactions with activated alkynes of; crystal structure of *trans*-[NiBr(C(COOMe)=C(COOMe)(3,5-$Cl_2C_6H_3$))(PPh_3)$_2$] (J. Hernández, G. Muller, M. Rocamora, X. Solans, M. Aguiló), (345) 383

Organotin-containing phosphines, formation of (T.N. Mitchell, H.-J. Belt), (345) C28

Ruthenium thioketene mono- and di-nuclear complexes, preparation and properties of (K. Seitz, U. Behrens), (345) 351

Silyl- and germyl-ketenes, reaction with silyldiazomethanes of (G.S. Zaitseva, I.F. Lutsenko, A.V. Kisin, Yu.T. Baukov, J. Lorberth), (345) 253

Transition metal mediated homologation of BH_3 THF: synthesis and crystal structure of [$WH_3(PMe_3)_3B_3H_8$] (P.D. Grevenik, J.B. Leach, M.L.H. Green, N.M. Walker), (345) C31

Platinum

(2-Amino-5-nitrophenyl)platinum(II) complexes, synthesis and reactivity of (J. Vicente, J.A. Abad, F. Teruel, J. Garcia), (345) 233

cis-Bis(phenyl)bis(ligand)platinum(II) *E,Z*-atropisomeric compounds, synthesis and isolation of (R. Baumgärtner, G. Schmidtberg, H.-A. Brune), (345) 221

C-Nitroso-platinum complexes, ^{13}C NMR study of (A.S.F. Boyd, G. Browne, G.B. Gowenlock, P. McKenna), (345) 217

Pentafluorophenyl group distortion in metal complexes, limitations of rigid-body refinement (P.G. Jones), (345) 405

Platinum complex catalysed carbonylative cross-coupling of alkyl iodides with sodium tetraphenylborate; synthesis of alkyl phenyl ketones (T. Kondo, Y. Tsuji, Y. Watanabe), (345) 397

Rhodium

Dithiophosphate rhodium(III) complex formation from $[(\eta^5\text{-}C_5Me_5)(\eta^1\text{-}PSPh_2)\overline{RhPh_2PS}]$; crystal structure of $[(\eta^5\text{-}C_5Me_5)(\eta^1\text{-}PSPh_2)\overline{RhPh_2SPS}]$ (M.T. Pinillos, M.P. Jarauta, D. Carmona, L.A. Oro, M.C. Apreda, C. Foces-Foces, F.H. Cano), (345) C13

Rhodium-catalysed oxidation of organic compounds with t-butyl hydroperoxide (P. Müller, H. Idmoumaz), (345) 187

Rhodium(I) dimers with salen as bridging ligand, reactivity of (A. Pasini, C. Caldirola, A. Colombo, M. Ghilotti), (345) 201

Ruthenium

$C_5Me_5MC_5Me_4CHAr^+$ (M = Ru, Os), synthesis and NMR study of; comparison with Fe-containing analogues of (M.I. Rybinskaya, A.Z. Kreindlin, S.S. Fadeeva, P.V. Petrovskii), (345) 341

Ruthenium thioketene mono- and di-nuclear complexes, preparation and properties of (K. Seitz, U. Behrens), (345) 351

Selenium

Transition metal coordinated thioaldehydes, selenoaldehydes and seleno ketones, kinetic investigations of (H. Fischer), (345) 65

Silicon

π-Areneiron, catalytic and stoecheiometric reactions with alkynes of (A. Funhoff, H. Schäufele, U. Zenneck), (345) 331

(Benzamidinato)uranium(IV) chloride, precursor for organoactinide complexes (M. Wedler, H.W. Roesky, F. Edelmann), (345) Cl

Heteroarylhydrosilanes, reactions with dichlorocarbene under phase-transfer conditions of (E. Lukevics, R. Sturkovich, Yu. Goldberg, A. Gaukhman), (345) 19

Nickel halide reduction by magnesium, catalysation of cyclotrimerisation of alcynes by (P. Alphonse, F. Moyen, P. Mazerolles), (345) 209

Oligoorganylsilsesquioxanes, synthesis and properties of (T.N. Martynova, T.I. Chupakhina), (345) 11

Silyl- and germyl-ketenes, reaction with silyldiazomethanes of (G.S. Zaitseva, I.F. Lutsenko, A.V. Kisin, Yu.L. Baukov, J. Lorberth), (345) 253

α-Silylethers, electrochemical oxidation of; effects of silion on oxidation potentials and reaction pathways (J.-i. Yoshida, T. Murata, S. Isoe), (345) C23

Triorganyl-, tetraorganyl-, organylorganoxy- and tetraorganoxy-silanes, thermochemistry of (M.G. Voronkov, V.A. Klychnikov, T.F. Danilova, V.I. Pepekin, A.N. Korchagina, Yu.I. Khudobin, V.P. Baryshok), (345) 27

Silver

Pentafluorophenyl group distortion in metal complexes, limitations of rigid-body refinement (P.G. Jones), (345) 405

Sulphur

Diamagnetic trigonal-bipyramidal cluster, $(\pi\text{-}MeC_5H_4)_5V_5(\mu_3\text{-}S)_6$, synthesis and molecular structure of (I.L. Eremenko, A.S. Katugin, A.A. Pasynskii, Yu.T. Struchkov, V.E. Shklover), (345) 79

Dithiophosphate rhodium(III) complex formation from $[(\eta^5\text{-}C_5Me_5)(\eta^1\text{-}PSPh_2)\overline{RhPh_2PS}]$; crystal structure of $[(\eta^5\text{-}C_5Me_5)(\eta^1\text{-}PSPh_2)\overline{RhPh_2SPS}]$ (M.T. Pinillos, M.P. Jarauta, D. Carmona, L.A. Oro, M.C. Apreda, C. Foces-Foces, F.H. Cano), (345) C13

cis- and *trans*-$Fe(CyNC)_4(SPh)_2$, bis-thiolate precursors of $(CyNC)_4Fe(SPh)_2Mo(CO)_4$, synthesis of (L.D. Rosenhein, J.W. McDonald), (345) 143

$(RC_5H_4)_2Cr(\mu_3\text{-}S)_2(\mu_4\text{-}S)M_2L_n$ clusters, (M = CO, Ni), effect of electronic structure on geometry of (I.L. Eremenko, A.A. Pasynskii, A.S. Katuvin, B. Orazsakhatov, V.L. Shirokii, V.E. Shklover, Yu.T. Struchkov), (345) 177

Thiagermetane, $Me_2\overline{GeCH_2SCH_2}$, dithiagermolane, $Me_2\overline{GeCH_2SSCH_2}$ and thiagermetane dioxide, $Me_2\overline{GeCH_2SO_2CH_2}$ thermolysis, pyrolysis and photolysis of (J. Barrau, G. Rima, M. El-Amine, J. Satgé), (345) 39

Transition metal coordinated thioaldehydes, selenoaldehydes and seleno ketones, kinetic investigations of (H. Fischer), (345) 65

Tin

Carboxylate-bridged triorganotin(IV)-carboxylate polymers, repeat distance in (S.W. Ng, C. Wei, V.G. Kumar Das), (345) 59
Organotin-containing phosphines, formation of (T.N. Mitchell, H.-J. Belt), (345) C28
Triorganotin(IV) derivatives of *N*-acetyl-L-phenylalanine and *N*-acetyl-L-phenylalanylglycine, preparation, IR and ^{13}C and ^{119}Sn NMR of (G.K. Sandhu, G. Kaur, J. Holeček, A. Lyčka), (345) 51

Titanium

$M(C_5H_5)_2L$ complexes (M = Mo, W, Ti; L = $C_6H_4O_2$, $C_{10}H_6O_2$), enthalpies of formation of (M.A.V. Ribeiro da Silva, M.D.M.C. Ribeiro da Silva, A.R. Dias), (345) 105
Methyltitanium complexes, analysis by paired interacting orbitals of (A. Shiga, J. Kojima, T. Sasaki, Y. Kikuzono), (345) 275

Tungsten

Dicarbonylcarbyne-molybdenum and -tungsten stabilised by tridentate oxygen ligands (W. Kläui, H. Hamers), (345) 287
$M(C_5H_5)_2L$ complexes (M = Mo, W, Ti; L = $C_6H_4O_2$, $C_{10}H_6O_2$), enthalpies of formation of (M.A.V. Ribeiro da Silva, M.D.M.C. Ribeiro da Silva, A.R. Dias), (345) 105
Monohydrido-bridged carbonyl complexes of early transition metals containing η^5-$C_5H_5Nb(CO)_3$ moiety (P. Oltmanns, D. Rehder), (345) 87
Tetracarbonyl 2-carboxypicolinato- and 2-carboxyquinolinato-tungsten(0) anionic complexes, reactions with mercury(II) derivatives of (J.A. Campo, M. Cano, M.F. Perpiñan, A.E. Sánchez-Peláez), (345) 299
Transition metal coordinated thioaldehydes, selenoaldehydes and seleno ketones, kinetic investigations of (H. Fischer), (345) 65
Transition metal mediated homologation of BH_3 · THF: synthesis and crystal structure of $[WH_3(PMe_3)_3B_3H_8]$ (P.D. Grevenik, J.B. Leach, M.L.H. Green, N.M. Walker), (345) C31

Uranium

(Benzamidinato)uranium(IV) chloride, precursor for organoactinide complexes (M. Wedler, H.W. Roesky, F. Edelmann), (345) C1
Heptacoordinate acetylacetonateuranium(IV) complexes, synthesis, crystal structure and ligand exchange reactions of (C. Baudin, P. Charpin, M. Ephritikhine, M. Lance, M. Nierlich, J. Vigner),

Vanadium

Diamagnetic trigonal-bipyramidal cluster, $(\pi$-$MeC_5H_4)_5V_5(\mu_3$-$S)_6$, synthesis and molecular structure of (I.L. Eremenko, A.S. Katugin, A.A. Pasynskii, Yu.T. Struchkov, V.E. Shklover), (345) 79
Monohydrido-bridged carbonyl complexes of early transition metals containing η^5-$C_5H_5Nb(CO)_3$ moiety (P. Oltmanns, D. Rehder), (345) 87

Zinc

Zinc dihydride, reactions with donor molecules containing acidic hydrogen atoms (N.A. Bell, A.L. Kassyk), (345) 245

Book reviews

Landolt–Börnstein, Numerical data and functional relationships in science and technology. New series, Group II, Vol. 17, Subvolume a, Magnetic properties of free radicals; edit. by H. Fischer (R.A. Jackson), (345) C20
Landolt–Börnstein, Numerical data and functional relationships in science and technology. New series, Group II, Vol. 17, Subvolume b, Magnetic properties of free radicals: Non-conjugated carbon-centred radicals; edit. by H. Fischer (R.A. Jackson), (345) C20
Silicon and silicones; by R.G. Rochow (C. Eaborn), (345) C35C37 C38 C39 C40